

Appln. No. 09/802,472  
Amdt. dated January 21, 2005  
Reply to Office action of October 22, 2003

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8 (Cancelled)

9 (Previously Presented). A molecule which comprises the antigen-binding portion of an antibody specific for the protein or variant of claim 13.

10-12 (Cancelled)

13 (Currently Amended). An isolated polypeptide, which comprises:

(a) a protein encoded by a strand of a full length cDNA having the sequence of

(i) a naturally occurring polynucleotide comprising the sequence of SEQ ID NO: 3,

(ii) a naturally occurring polynucleotide having at least ~~70~~85% identity with a naturally occurring polynucleotide of (i) and, in naturally occurring neural cells, has its expression modulated when the cells are subjected to neurotoxic stress, wherein the protein encoded by the cDNA having the sequence of (ii) induces cell apoptosis when overexpressed in human epithelial breast carcinoma MCF-7 cells; or

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(iii) a naturally occurring polynucleotide capable of hybridizing under ~~moderately~~highly stringent conditions to a naturally-occurring polynucleotide of (i) or (ii) and, in naturally-occurring neural cells, has its expression modulated when the cells are subjected to neurotoxic stress, wherein the protein encoded by the DNAfull length cDNA having the sequence of (iii) induces cell apoptosis when overexpressed in human epithelial breast carcinoma MCF-7 cells;

(b) a variant of (a) which has an amino acid sequence having at least ~~70~~90% identity to said protein of (a) and induces cell apoptosis when overexpressed in human epithelial breast carcinoma MCF-7 cells; or

(c) a functional derivative or salt of (a) or (b).

14 (Currently Amended). An isolated polypeptide ~~in accordance with~~of claim 13, wherein the protein of (a) has the sequence of SEQ ID NO: 4.

15 (Currently Amended). An isolated polypeptide ~~in accordance with~~of claim 13, wherein the protein of (a) (i) has the sequence of SEQ ID NO:4.

16 (Previously Presented). An isolated polypeptide of SEQ ID NO:4.

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17 (Previously Presented). A molecule which comprises the antigen-binding portion of an antibody specific for the polypeptide of claim 16.

18 (New). An isolated polypeptide of claim 13, wherein the variant of (b) has at least 95% identity to said protein of (a).

19 (New). An isolated polypeptide of claim 13, which comprises:

(a) a protein encoded by a strand of a full length cDNA having the sequence of a naturally occurring polynucleotide comprising the sequence of SEQ ID NO:3; or

(b) a variant of (a) which has an amino acid sequence having at least 90% identity to said protein of (a) and induces cell apoptosis when overexpressed in human epithelial breast carcinoma MCF-7 cells; or

(c) a functional derivative or salt of (a) or (b).

20 (New). An isolated polypeptide of claim 19, wherein the variant of (b) has at least 95% identity to said protein of (a).

21 (New). A molecule which comprises the antigen-binding portion of an antibody specific for the polypeptide of claim 19.

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22 (New). A molecule which comprises the antigen-binding portion of an antibody specific for the polypeptide of claim 20.